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# SEQUENCE LISTING

<110> Bristol-Myers Squibb Company

<120> POLYNUCLEOTIDES ENCODING A NOVEL TESTIS-SPECIFIC TUBULIN  
TYROSINE-LIGASE-LIKE PROTEIN, BGS42

<130> D0283A CIP

<150> U.S. 60/394,725  
<151> 2002-07-09

<150> U.S.10/615,659  
<151> 2003-07-09

<160> 103

<170> PatentIn version 3.2

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Tyr Tyr Ser Leu Val His Gly Asp Ala Phe Ile Ser Asn Ser Arg Asn  
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Tyr Phe Ser Gln Cys Gln Ala Leu Leu Asn Arg Ile Thr Ser Val Asn  
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Arg Phe Ser Leu Asp Lys Leu Asp Ser Ala Ile His Leu Cys Asn Asn  
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Ile Arg Gln Trp Phe Leu Val Thr Asp Trp Asn Pro Leu Thr Ile Trp
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Phe Tyr Lys Glu Ser Tyr Leu Arg Phe Ser Thr Gln Arg Phe Ser Leu
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Asp Lys Leu Asp Ser Ala Ile His Leu Cys Asn Asn Ala Val Gln Lys
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Tyr Leu Lys Asn Asp Val Gly Arg Ser Pro Leu Leu Pro Ala His Asn
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Arg Pro Ser Cys Leu Leu Pro Met Tyr Ser Asp Thr Arg Ala Arg Ser  
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Phe Gly Arg Leu Gly His Glu Pro Gly Leu Met Gln Leu Val Asn Tyr

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Glu Pro Gly His Arg Lys Phe Asp Ile Arg Ser Trp Val Leu Val Asp  
195 200 205

His Gln Tyr Asn Ile Tyr Leu Tyr Arg Glu Gly Val Leu Arg Thr Ala  
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Ser Glu Pro Tyr His Thr Asp Asn Phe Gln Asp Lys Thr Cys His Leu  
225 230 235 240

Thr Asn His Cys Ile Gln Lys Glu Tyr Ser Lys Asn Tyr Gly Lys Tyr  
245 250 255

Glu Glu Gly Asn Glu Met Phe Phe Glu Glu Phe Asn Gln Tyr Leu Thr  
260 265 270

Ser Ala Leu Asn Ile Thr Leu Glu Ser Ser Ile Leu Leu Gln Ile Lys  
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Arg His Leu Pro Tyr Gln Ser Phe Gln Leu Phe Gly Phe Asp Phe Met  
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 325 330 335

Ala Cys Ala Gln Lys Leu Tyr Ala Glu Leu Cys Gln Gly Ile Val Asp  
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Phe Leu Val Thr Asp Trp Asn Pro Leu Thr Val Trp Phe Tyr Arg Asp  
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Ser Tyr Ile Arg Phe Ser Thr Gln Pro Phe Ser Leu Lys Asn Leu Asp  
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Asn Ser Val His Leu Cys Asn Asn Ser Ile Gln Lys His Leu Glu Asn  
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Ser Cys His Arg His Pro Leu Leu Pro Pro Asp Asn Met Trp Ser Ser  
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Gln Arg Phe Gln Ala His Leu Gln Glu Met Gly Ala Pro Asn Ala Trp  
 195 200 205

Ser Thr Ile Ile Val Pro Gly Met Lys Asp Ala Val Ile His Ala Leu  
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Gln Thr Ser Gln Asp Thr Val Gln Cys Arg Lys Ala Ser Phe Glu Leu  
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Glu	Ile	Leu	Glu	Leu	Ala	Ala	Ala	Asp	His	Pro	Leu	Ser	Arg	Asp	Asn	165	170	175	
Lys	Trp	Val	Val	Gln	Lys	Tyr	Ile	Glu	Thr	Pro	Leu	Leu	Ile	Cys	Asp	180	185	190	
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Pro Ala His Asn Met Trp Thr Ser Thr Arg Phe Gln Glu Tyr Leu Gln		
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Arg Gln Gly Arg Gly Ala Val Trp Gly Ser Val Ile Tyr Pro Ser Met		
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325	330	335
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Asp Thr Ile Lys Val Ala Val Asp Arg Ser Cys Asp Ile Gly Asn Phe		
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Glu Leu Leu Trp Arg Gln Pro Val Val Glu Pro Pro Pro Phe Ser Gly		
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385	390	395 400
Val Leu Pro Val Cys Asn Leu Lys Ala Ser Ala Ser Leu Leu Asp Ala		
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Gln Pro Leu Lys Ala Arg Gly Pro Ser Ala Met Pro Asp Pro Ala Gln		
420	425	430

Gly Pro Pro Ser Pro Ala Leu Gln Arg Asp Leu Gly Leu Lys Glu Glu  
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Lys Gly Leu Pro Leu Ala Leu Leu Ala Pro Leu Arg Gly Ala Ala Glu  
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Ser Gly Gly Ala Ala Gln Pro Thr Arg Thr Lys Ala Ala Gly Lys Val  
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Thr Gly Val Pro Val Ala Gln Pro Ala Lys Ser Trp Asp Pro Asn Gln  
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Leu Asn Arg Ile Thr Ser Val Asn Pro Gln Thr Asp Ile Asp Gly Leu  
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Arg Asn Ile Trp Ile Ile Lys Pro Ala Ala Lys Ser Arg Gly Arg Asp  
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Tyr Gly Ala Asp Phe Val Leu Gly Arg Asp Phe Arg Pro Trp Leu Ile  
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Glu Ile Asn Ser Ser Pro Thr Met His Pro Ser Thr Pro Val Thr Ala  
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 Tyr Val Tyr Arg Glu Gly Leu Leu Arg Phe Ala Ser Val Lys Tyr Ser  
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	275		280		285	
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Lys Lys Asp Ser Ser Phe Ala Met Leu Leu Glu Ala Gln Arg Arg Gly  
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Tyr Glu Leu His Tyr Met Glu Met Gly Asp Leu Tyr Leu Ile Asn Gly  
 35 40 45

Glu Ala Arg Ala His Thr Arg Thr Leu Asn Val Lys Gln Asn Tyr Glu  
 50 55 60

Glu Trp Phe Ser Phe Val Gly Glu Gln Asp Leu Pro Leu Ala Asp Leu  
 65 70 75 80

Asp Val Ile Leu Met Arg Lys Asp Pro Pro Phe Asp Thr Glu Phe Ile  
 85 90 95

Tyr Ala Thr Tyr Ile Leu Glu Arg Ala Glu Glu Lys Gly Thr Leu Ile  
 100 105 110

Val Asn Lys Pro Gln Ser Leu Arg Asp Cys Asn Glu Lys Leu Phe Thr  
 115 120 125

Ala Trp Phe Ser Asp Leu Thr Pro Glu Thr Leu Val Thr Arg Asn Lys  
 130 135 140

Ala Gln Leu Lys Ala Phe Trp Glu Lys His Ser Asp Ile Ile Leu Lys  
 145 150 155 160

Pro Leu Asp Gly Met Gly Gly Ala Ser Ile Phe Arg Val Lys Glu Gly  
 165 170 175

Asp Pro Asn Leu Gly Val Ile Ala Glu Thr Leu Thr Glu His Gly Thr  
 180 185 190

Arg Tyr Cys Met Ala Gln Asn Tyr Leu Pro Ala Ile Lys Asp Gly Asp  
 195 200 205

Lys Arg Val Leu Val Val Asp Gly Glu Pro Val Pro Tyr Cys Leu Ala  
210 215 220

Arg Ile Pro Gln Gly Gly Glu Thr Arg Gly Asn Leu Ala Ala Gly Gly  
225 230 235 240

Arg Gly Glu Pro Arg Pro Leu Thr Glu Ser Asp Trp Lys Ile Ala Arg  
245 250 255

Gln Ile Gly Pro Thr Leu Lys Glu Lys Gly Leu Ile Phe Val Gly Leu  
260 265 270

Asp Ile Ile Gly Asp Arg Leu Thr Glu Ile Asn Val Thr Ser Pro Thr  
275 280 285

Cys Ile Arg Glu Ile Glu Ala Glu Phe Pro Val Ser Ile Thr Gly Met  
290 295 300

Leu Met Asp Ala Ile Glu Ala Arg Leu Gln  
305 310